

Title (en)

Appliance with advanced controls, in particular a cooking oven

Title (de)

Gerät mit erweiterter Steuereinrichtung, insbesondere ein Backofen

Title (fr)

Appareil pourvu de commandes avancées, en particulier un four de cuisson

Publication

EP 2314928 A3 20110511 (EN)

Application

EP 10187775 A 20101015

Priority

IT PN20090060 A 20091022

Abstract (en)

[origin: EP2314928A2] Electronically controlled appliance, in particular a cooking oven, comprising: selectively controllable control means working at least partially with the capacitive touch control technology, arranged on a control surface; means for displaying a plurality of working cycle parameters; control and processing means suitable to receive signals and instructions received from said processing and control means and from other sensors associated with the appliance operating devices; to process them according to one or more predefined algorithms; to send indicative signals to said display means and actuation/working instructions to the operating devices of the appliance; said command means also include a portion of said control surface, formed as a closed, preferably circular perimeter, and associated with a plurality of capacitive sensors, suitable to detect the movement of an object, typically the finger of an operator using the appliance, that moves by sliding on said closed perimeter portion, and said control means are suitable to process a value of a display signal according to a relation depending on a non-linear mode with respect to the speed of movement of said object on said portion. Preferably, the display and programming control of the values of a selected quantity increases with a speed greater than the possible speed increase in the movement of said object, or finger, on said circular portion.

IPC 8 full level

F24C 7/08 (2006.01)

CPC (source: EP)

F24C 7/082 (2013.01)

Citation (search report)

- [XA] DE 102005049802 A1 20070419 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 1384951 A1 20040128 - THIRODE GRANDES CUISINES POLIGNY [FR]
- [A] EP 1273851 A2 20030108 - THERMA GROSSKUECHEN PRODUKTION [CH]
- [A] DE 10313401 A1 20041007 - ZUBLER GERAETEBAU [DE]

Cited by

CN109576953A; EP2743791A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10187775 A 20101015; IT PN20090060 A 20091022